

## **OXYGEN GENERATING DEVICE**

### **FIELD OF THE INVENTION**

The present invention relates to an oxygen generating device which is connected to a frame of an exercising device and provides oxygen to the user.

### **BACKGROUND OF THE INVENTION**

Generally speaking, users work out on exercising devices for improving the health and the shape of their bodies. Nevertheless, the users need to have more oxygen when working out and most of the exercising devices are disposed indoor so that there is less fresh air in the room. In order to meet some users' specific requirements, a huge oxygen generating device is purchased and an extra room is arranged to install the device. This is not affordable for ordinary users.

The present invention intends to provide an oxygen generating device that employs electrolytic process for water to generate oxygen which is directly provided to the users.

### **SUMMARY OF THE INVENTION**

In accordance with one aspect of the present invention, there is provided an oxygen generating device that is connected to an exercising device so as to provide oxygen to the users. The device includes a container filled with water and having a first side portion, a second side portion and an intermediate portion which has a top and is lower than the two respective tops of the first and second side portions. A first pipe extends through the top of the first side portion and a second pipe extends through the top of the second side portion. The first pipe is lead to the users. A positive electrolytic post is inserted in the first side portion and a negative

electrolytic post is inserted in the second side portion. A power source is connected to the positive electrolytic post and the negative electrolytic post.

The present invention will become more obvious from the following description when taken in connection with the accompanying drawings which show, for purposes of illustration only, a preferred embodiment in accordance with the present invention.

### **BRIEF DESCRIPTION OF THE DRAWINGS**

Fig. 1 shows the oxygen generating device of the present invention is disposed beside a treadmill and a pipe is lead to the user;

Fig. 2 is a perspective view to show the oxygen generating device of the present invention;

Fig. 3 is a cross sectional view to show the container of the oxygen generating device of the present invention, and

Fig. 4 shows that water is filled in the container and oxygen is generated via the first pipe and hydrogen is generated via the second pipe.

### **DETAILED DESCRIPTION OF THE PREFERRED EMBODIMENT**

Referring to Figs. 1 to 4, the oxygen generating device 20 of the present invention can be conveniently connected beside an exercising device such as a treadmill 10 in Fig. 1. The oxygen generating device 20 comprises a container 21 that includes a first side portion 23, a second side portion 24 and an intermediate portion 22. The intermediate portion 22 is located between and in communication with the first and second side portions 23, 24. Each of the first side portion 23, the second side portion 24 and the intermediate portion 22 has a top, and the top of the

intermediate portion 22 is lower than the two respective tops of the first and second side portions 23, 24. An inlet 221 is defined through the top of the intermediate portion 22 and water can be filled in the container 21 via the inlet 221. Therefore, when the container 21 is filled with water as shown in Fig. 4, there is a space above the water level in each of the first side portion 23 and the second side portion 24.

A first pipe 231 extends through the top of the first side portion 23 and a second pipe 241 extends through the top of the second side portion 24. The first pipe 231 is connected to an outlet 12 in the front edge of the control panel of the treadmill so that oxygen coming out from the first pipe 231 is inhaled by the users.

A positive electrolytic post 232 is inserted in the first side portion 23 and a negative electrolytic post 242 is inserted in the second side portion 24. A power source 30 is connected to the positive electrolytic post 232 and the negative electrolytic post 242.

By the electrolytic process, oxygen is generated and goes out from the first pipe 231 and hydrogen is generated and goes out from the second pipe 241 which is lead to outside of the room. As shown in Fig. 1, the first pipe 231 may also be lead directly to the user.

While we have shown and described the embodiment in accordance with the present invention, it should be clear to those skilled in the art that further embodiments may be made without departing from the scope of the present invention.